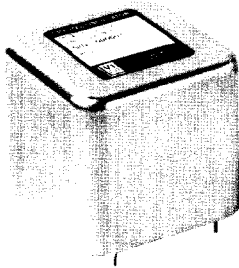


Double Oven OCXO

CO-330 Series



Features

- 5 MHz and 10 MHz standard
- Ultra low aging
- Superior frequency stability

Ideal
for
Stratum 2
applications.

Contact factory for availability

SPECIFICATIONS

Frequency	5 MHz and 10 MHz standard, contact factory for other frequencies.	
Temperature Stability 0°C to +50°C	B110: $\pm 1 \times 10^{-10}$ (other temperature stabilities optional)	
Aging	1 x 10 ⁻¹⁰ /day; 3 x 10 ⁻⁷ over 20 years	
Frequency vs. supply:	5 x 10 ⁻¹¹ per percent	
Short Term (Allan Variance):	5 x 10 ⁻¹² per second	
Output/Supply Voltage:	Output	Supply
Sine:	≥ 0.5 Vrms into 50Ω, +7 dBm	+15 Vdc $\pm 5\%$ (any center voltage in +12 Vdc to +24 Vdc range optional)
Harmonics/subs:	-25 dBc	
Phase Noise (typical):	Offset	Phase Noise
	10 Hz	-125 dBc/Hz
	100 Hz	-140 dBc/Hz
	1 kHz	-144 dBc/Hz
Input power:	10 watts at turn-on (over 0°C to +50°C), 5.0 watts stabilized @ 25°C	
Frequency Adjust:	1 x 10 ⁻⁷ range over 0 to +6V control	
Electrical tuning:	Range for 20 year crystal aging, settable to 5 x 10 ⁻⁹ (optional).	
Mechanical tuning:		
Size:	2.00" x 2.00" x 1.50" (check factory for smaller size availability)	
Base:	Threaded inserts for mounting	

Specifications subject to change without notice.